

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33304	fume\$ near2 silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 15:19
L2	904	fume\$ near2 silica with hydrophilic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 15:19
L3	217	fume\$ near2 silica with hydrophilic\$4 same (size diameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 15:20
S1	61	yunzhang near wang daniel near mcbride randolph near kohman	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 13:40
S2	47	S1 and (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 14:54
S3	1311	milliken.as.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 14:05
S4	2	S3 and (superhydrophobic\$4 super-hydrophobic\$4 super adj hydrophobic\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 20:42
S5	54	S3 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:31
S6	92	superhydrophobic\$4 super-hydrophobic\$4 super adj hydrophobic\$4 same (fiber fabric fibre)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:27

S7	17	S6 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:54
S8	3207	977/dig.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 14:54
S9	98	S8 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:12
S10	32	S9 and (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/29 21:17
S11	52	"6112381" "5815896" "4512065" "4316928" "4468844"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 15:37
S12	2	S11 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:40
S13	16664	(face-finish\$3 face adj finish\$3 abrading abrasion blast\$3 roughen\$3) with (fabric fiber fibre)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:38
S14	722	S13 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:40
S15	369	S14 and (polyurethane pu urethane)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:41
S16	136	S15 and silica	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:54
S17	162	S15 and (hydrophobic water-repell\$nt water adj repell\$nt water adj resistant water-resistant water adj proof waterproof)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:38
S18	104	S17 not S16	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 15:56
S19	96	superhydrophobic\$4 super-hydrophobic\$4 super adj hydrophobic\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 17:11
S20	40	(nano-tex nanotex nano adj tex).as.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 17:24
S21	26	S20 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 19:49
S22	14	S20 not S21	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 17:26

S23	3295	(lotus-effect lotus adj effect lotuseffect self-cleaning selfcleaning self and cleaning) same (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:31
S24	6	(lotus-effect lotus adj effect lotuseffect) same (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:28
S25	1006	(self-cleaning selfcleaning self and cleaning) with (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:31
S26	65	S25 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 17:32
S27	549	428/400.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 19:49
S28	365	428/400.ccls. and (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 19:49
S29	15	S28 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:39
S30	64	S28 and (hydrophobic water-repell\$nt water adj repell\$nt water adj resistant water-resistant water adj proof waterproof)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:39
S31	252	442/82,88,94.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:03
S32	40826	(face-finish\$3 face adj finish\$3 abrading abrasion blast\$3 roughen\$3) and (hydrophobic water-repell\$nt water adj repell\$nt water adj resistant water-resistant water adj proof waterproof)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:38
S33	5863	(face-finish\$3 face adj finish\$3 abrading abrasion blast\$3 roughen\$3) same (hydrophobic water-repell\$nt water adj repell\$nt water adj resistant water-resistant water adj proof waterproof)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:38
S34	1492	(face-finish\$3 face adj finish\$3 abrading abrasion blast\$3 roughen\$3) same (hydrophobic water-repell\$nt water adj repell\$nt water adj resistant water-resistant water adj proof waterproof) same (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:41
S35	111	S34 and (fluorochemical fluorocarbon fluoro-chemical fluoro-carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:41

S36	447	(face-finish\$3 face adj finish\$3 abrading blast\$3 roughen\$3) same (hydrophobic water-repell\$nt water adj repell\$nt water adj resistant water-resistant water adj proof waterproof) same (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:41
S37	9	S36 and (fluorochemical fluorocarbon fluoro-chemical fluoro- carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/30 20:41
S38	80	(superhydrophobic\$4 super-hydrophobic\$4 super adj hydrophobic\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 20:43
S39	7	S38 and (fibre fiber fabric)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 20:43
S40	9	S38 and (fibre fiber fabric)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 20:47
S41	1	"20050053782"	US-PGPUB	OR	ON	2005/11/30 20:50
S42	16	((("6068911") or ("20020016433") or ("20020150723") or ("20020150724") or ("20020150725") or ("20020150726") or ("20030013795") or ("20030147932") or ("5968642") or ("6649266") or ("20030096083") or ("6112381") or ("5815896") or ("4512065") or ("4316928") or ("4468844"))). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 20:59
S43	2	("3354022").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 20:59
S44	1	("5599489").PN.	USPAT; USOCR	OR	OFF	2005/11/30 21:43
S45	2	("3354022").PN.	USPAT; USOCR	OR	OFF	2005/11/30 21:43

S46	12	("4,316,928" or ("4,468,844" or ("4,512,065" or ("5,437,900" or ("5,815,896" or ("5,968,642" or ("6,068,911" or ("6,112,381" or ("6,379,753" or ("6,380,336" or ("6,472,476" or ("6,649,266")), PN. or (2002/0016433 or (2002/0142150 or (2002/0150723 or (2002/0150724 or (2002/0016433 or (2002/0142150 or (2002/0150723 or (2002/0150724 or (2002/0150725 or (2002/0150726 or (2002/0170690) or (2003/0013795) or (2003/0147932) or (2003/0096083)).CCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 22:43
S47	1	("6607994").PN.	USPAT; USOCR	OR	OFF	2005/12/01 15:48
S49	1	S47 and crosslink\$3	USPAT	OR	OFF	2005/12/01 15:49
S50	0	S49 and polyurethane	USPAT	OR	OFF	2005/12/01 15:48
S51	12	442/221,268,286,315,319,370,381,394,417.ccls. and 428/174,180.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 17:40
S52	3711	442/221,268,286,315,319,370,381,394,417.ccls. 428/174,180.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 17:41
S53	686	S52 and (hydrophobic waterproof water adj proof water adj resistant)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 17:41
S54	144	markus near2 oles edwin near2 nun	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 20:59
S55	52	S54 and (hydrophilic antimicrobial anti adj microbial silica silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 12:52

S56	52	S54 and (hydrophilic antimicrobial anti adj microbial silica silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 11:15
S57	59	CREAVIS adj Gesellschaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 11:52
S58	46	S57 and (hydrophilic antimicrobial anti adj microbial silica silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 11:52
S59	26	S58 not S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 11:52
S60	339	(superhydrophilic\$3 super adj hydrophilic\$3 super-hydrophilic\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 12:33
S61	28	S60 same (silica silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 12:48

S62	383	Watanabe near Toshiya	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 17:00
S63	52	S62 and (hydrophilic antimicrobial anti adj microbial silica silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 12:52
S64	304	Watanabe near Toshiya.in.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 17:02
S65	275	Watanabe near Toshiya.in.	JPO; DERWENT	OR	ON	2006/11/21 17:03
S66	29	Watanabe near Toshiya.in.	FPRS; EPO; IBM_TDB	OR	ON	2006/11/21 17:03
S67	10	markus near2 oles edwin near2 nun	USPAT	OR	OFF	2006/11/29 21:16
S68	2024	428/331.COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/29 21:17
S69	298	S68 and hydrophilic	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/29 21:17
S70	87	S69 and (fiber fibre fabric)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/29 21:17
S71	4	lange and speckmann and penninger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/28 22:12

S72	4023	(silica silicon adj oxide) near2 hydrophilic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 13:00
S73	962	(silica silicon adj oxide) near hydrophilic\$4 and (silica silicon adj oxide) near2 particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 13:01
S74	410	(silica silicon adj oxide) near hydrophilic\$4 same (silica silicon adj oxide) near2 particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 13:01
S75	269	(silica silicon adj oxide) near hydrophilic\$4 with (silica silicon adj oxide) near2 particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 13:01
S76	0	lange and speckmann and penniger	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 10:04
S77	0	lange and speckmann and penniger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 10:05



S78	2	"200183662"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 10:10
S79	26530	fumed near2 silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 15:31
S80	25302	fumed adj silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 15:31
S81	723	fumed adj silica with (hydrophilic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 15:31
S82	12	fumed adj silica with (hydrophilic\$4) with (textile nonwoven substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 15:32
S83	162	fumed adj silica with (hydrophilic\$4) with particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 12:16

S84	88	fumed adj silica with (hydrophilic\$4) with particle with (size diameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 12:16
S85	442	977/773,778.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 12:29
S86	130	S85 and silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 12:29
S87	18	S85 and fume\$ near silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 12:30
S88	1	silica and "20030013369" and textile	US-PGPUB	OR	ON	2009/03/17 14:33
S89	1	silica and "20030013369" and textile and hydrophilic\$4	US-PGPUB	OR	ON	2009/03/17 14:34

3/18/2009 3:32:02 PM

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